



AWSOME DAY

ONLINE CONFERENCE

16 NOVEMBER 2023 | APJ

Introduction to the cloud

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Agenda

Introduction to AWS

- Compute
- Storage
- Databases
- Networking
- Security

Innovation with AWS

Next steps

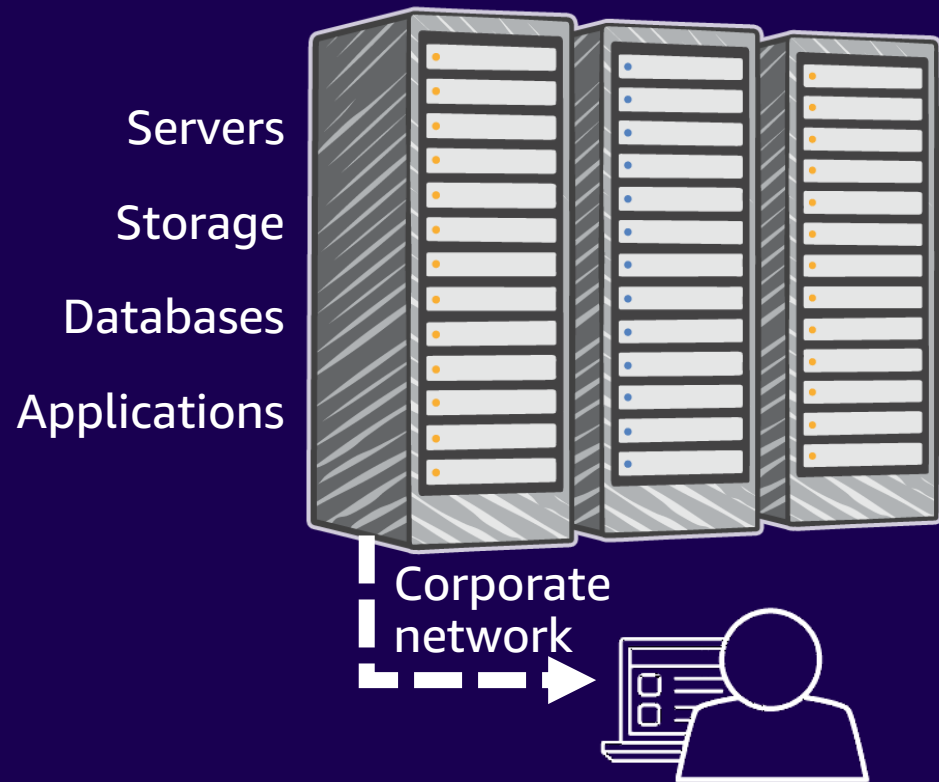


Introduction to the cloud



What is the cloud?

On premises



Cloud services provider

Servers Storage
Databases Applications

Internet



What is the cloud?

With cloud computing, you can stop thinking of your infrastructure as hardware, and instead think of it (and use it) as software.

Agility



On-demand
self-service

Elasticity



Scale rapidly to
meet demand

Cost Savings



Only pay for IT as
you consume it

Deploy globally



Broad network
access

What other advantages does the cloud offer?

Six advantages of cloud computing



Trade upfront expense for variable expense



Increase speed and agility



Benefit from massive economies of scale



Stop spending money on running and maintaining data centers

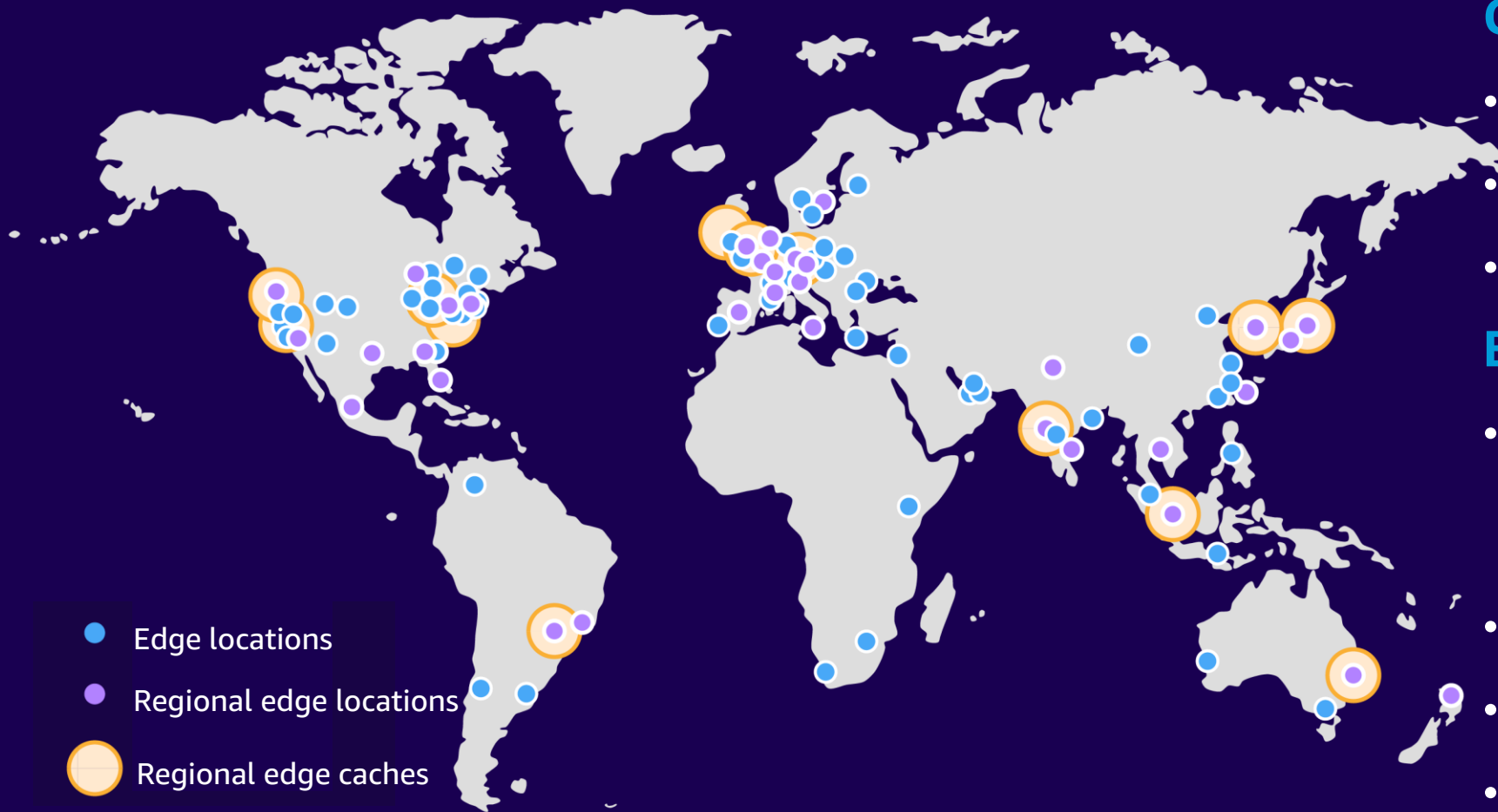


Stop guessing capacity



Go global in minutes

AWS global infrastructure: Current Regions



Choose a Region

- Data governance
- Latency
- Cost

Edge infrastructure

- Amazon CloudFront (content delivery network)
- AWS Outposts
- AWS Local Zones
- AWS Wavelength

AWS edge infrastructure

Moving the cloud closer to the endpoint

AWS Outposts



AWS Local Zones



AWS Wavelength



Overview

AWS infrastructure and services **on premises**

AWS infrastructure and services **in large metro centers**

AWS infrastructure and services **in Commercial Service Provider (CSP) 5G networks**

Use cases

Migration, local critical applications, data residency

Migration, low latency, local data processing

Ultra-low latency, local data processing

Service model

Expandable capacity in customer's data center, colocation, on-premises location

Scalable capacity in facility managed & operated by AWS

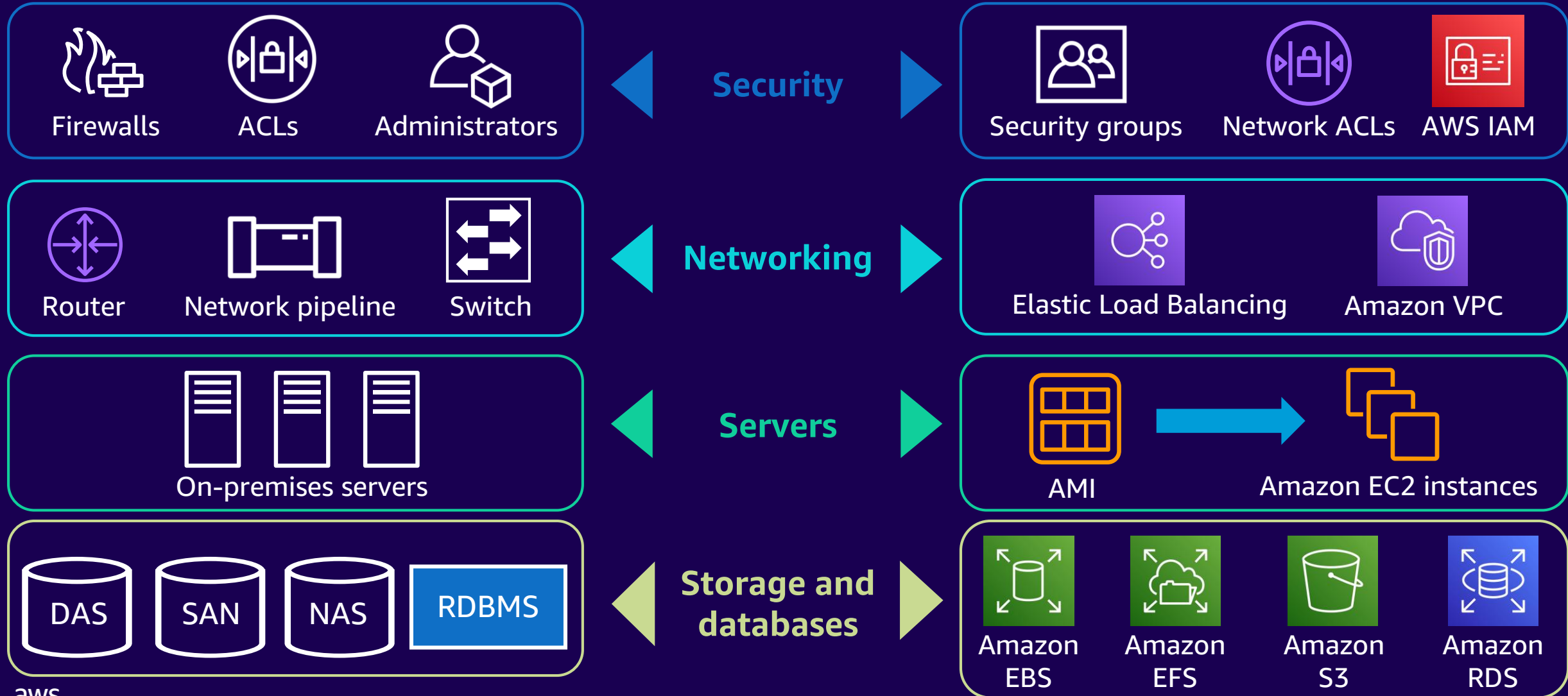
Scalable capacity in CSP data center managed and supported by AWS



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More on this later!

AWS core infrastructure and services



Compute
Storage
Databases
Containers
Serverless
Machine Learning



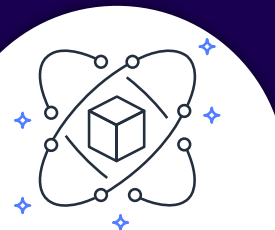
Cloud deployment models

On premises



**Your
application**

Hybrid



**Your
application**

Cloud



**Your
application**

Before we go on...

A few common cloud terms

- Cloud Computing
- Auto Scaling
- Elasticity
- Public Cloud
- Private Cloud
- Hybrid Cloud



Before we go on...

A few common cloud terms

- Infrastructure-as-a-Service (IaaS)
- Platform-as-a-Service (PaaS)
- Software-as-a-Service (SaaS)
- Serverless/Serverless Computing
- Big Data



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Thank you!

